

# 1: AF224278. Homo sapiens PMEP...[gi:9255808]

Links

```
PRI 18-JUL-2000
                                     1141 bp
                                                mRNA
                                                        linear
LOCUS
            AF224278
            Homo sapiens PMEPA1 protein (PMEPA1) mRNA, complete cds.
DEFINITION
ACCESSION
            AF224278
            AF224278.1
                       GI:9255808
VERSION
KEYWORDS
            Homo sapiens (human)
SOURCE
  ORGANISM
            Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            1. (bases 1 to 1141)
REFERENCE
            Xu,L.L., Shanmugam, N., Segawa, T., Sesterhenn, I.A., McLeod, D.G.,
  AUTHORS
            Moul, J.W. and Srivastava, S.
            A novel androgen-regulated gene, PMEPA1, located on chromosome
  TITLE
            20q13 exhibits high level expression in prostate
            Genomics 66 (3), 257-263 (2000)
  JOURNAL
             20334621
  MEDLINE
             10873380
   PUBMED
               (bases 1 to 1141)
REFERENCE
            Xu, L.L., Shanmugam, N., Segawa, T., Sesterhenn, I.A., McLeod, D.G.,
  AUTHORS
            Moul, J.W. and Srivastava, S.
  TITLE
            Direct Submission
            Submitted (12-JAN-2000) CPDR, USUHS, 1530 East Jefferson Street,
  JOURNAL
            Rockville, MD 20852, USA
                     Location/Qualifiers
FEATURES
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                      /cell line="LNCaP"
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                      /note="type 1b transmembrane protein; expression is
                      induced in response to the synthetic androgen, R1881;
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                      protein encoded by sequence deposited at GenBank Accession
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                      /codon start=1
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                     /protein id=" AAF86322.1"
                      /db xref="GI:9255809"
                      /translation="MAELEFVQIIIIVVVMMVMVVVITCLLSHYKLSARSFISRHSQG
                      RRREDALSSEGCLWPSESTVSGNGIPEPQVYAPPRPTDRLAVPPFAQRERFHRFQPTY
                      PYLQHEIDLPPTISLSDGEEPPPYQGPCTLQLRDPEQQLELNRESVRAPPNRTIFDSD
                      LMDSARLGGPCPPSSNSGISATCYGSGGRMEGPPPTYSEVIGHYPGSSFQHQQSSGPP
                      SLLEGTRLHHTHIAPLESAAIWSKEKDKQKGHPL"
```

```
184 t
               271 a
                       350 c
                                336 g
BASE COUNT
ORIGIN
       1 tccttgggtt cgggtgaaag cgcctggggg ttcgtggcca tgatccccga gctgctggag
      61 aactgaaggc ggacagtctc ctgcgaaacc aggcaatggc ggagctggag tttgttcaga
     121 tcatcatcat cgtggtggtg atgatggtga tggtggtggt gatcacgtgc ctgctgagcc
     181 actacaagct gtctgcacgg tccttcatca gccggcacag ccaggggcgg aggagagaag
     241 atgccctgtc ctcagaagga tgcctgtggc cctcggagag cacagtgtca ggcaacggaa
     301 toccagagec geaggtetae geocegeete ggeecacega eegeetggee gtgeegeeet
     361 tegeceageg ggagegette cacegettee ageceaceta teegtacetg cageacgaga
     421 togacotgoc accoaccate togotgteag acggggagga geocceacce taccagggce
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     661 gcatggaggg gccgccgccc acctacagcg aggtcatcgg ccactacccg gggtcctcct
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     781 cacacatege geceetagag agegeageea tetggageaa agagaaggat aaacagaaag
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    1021 gcacaagcta agagagcttg caaaaaaaaa aagaaaaaaa aaaaaaaaa accacgtttc
    1141 a
```

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Send to

File

**1:** BQ641849. AGENCOURT 8287174...[gi:21766021]

▼ Show:

Links

Boo

#### IDENTIFIERS

Display

default

dbEST Id:

12791631

EST name:

AGENCOURT 8287174

GenBank Acc:

BQ641849

GenBank gi:

21766021

# CLONE INFO

Clone Id:

IMAGE:6292265 (5')

'Plate:

LLCM2493 Row: g Column: 18

DNA type:

**CDNA** 

#### PRIMERS

PolyA Tail:

Unknown

#### SEQUENCE

GAGCTGGAGTTTGTTCAGATCATCATCATCGTGGTGGTGATGATGGTGATGGTGGTGGTG ATCACGTGCCTGCTGAGCCACTACAAGCTGTCTGCACGGTCCTTCATCAGCCGGCACAGC CAGGGGCGGAGGAGAGATGCCCTGTCCTCAGAAGGATGCCTGTGGCCCTCGGAGAGC ACAGTGTCAGGCAACGGAATCCCAGAGCCGCAGGTCTACGCCCCGCCTCGGCCCACCGAC CGCCTGGCCGTGCCGCCCTTCGCCCAGCGGGAGCGCTTCCACCGCTTCCAGCCCACCTAT CCGTACCTGCAGCACGAGATCGACCTGCCGCCCACCATCTCGCTGTCAGACGGGGAGGAG CCCCCACCTACCAGGGCCCCTGCACCTCCAGCTTCGGGACCCCGAGCAGCAGCTGGAA  $\tt CTGAACCGGGAGTCGGTGCGCGCACCCCCAAACAGAACCATCTTCGACAGTGACCTGATG$ GATAGTGCCAGGCTGGGCGGCCCCTGCCCCCCAGCAGTAACTCGGGCATCAGCGCCACG TGCTACGGCAGCGGCGGCGTATGGAGGGGCCGCCGCCCACCTACAGCGAGGTCATCGGC CACTACCCGGGGTCCTCCTTCCAGCACCAGCAGAGCAGTGGGCCGCCCTCCTTGCTGGAG GGGACCCGGCTCCACCACACACACCCCCTAGAGAGCGCAGCCATCTGGAGGCAA GAGAAGGATAAACAGAAAGGACACCCTCTCTAGGGTCCCCAGGGGGGCCGGGGCTGGGGC TTGCCTAAGGGAAAAGGCACAACCCTCCCGCGCCTTCTTAAAAAGAGGGTGGAAACGGC AGGCCGGCGGCACGCACAAGCTAATGGGGGTGGGCCTTTCCCGGTCCACATTGCCTGG TGGGCAAAAGTATATTCACATCGGGCGCGCGCCCCCGTACCGTGCCCAACCCTACAA

CCGGACT

Quality:

High quality sequence stops at base: 571

Entry Created:

Jul 8 2002

Last Updated:

Jul 15 2002

### COMMENTS

Tissue Procurement: ATCC

cDNA Library Preparation: Rubin Laboratory

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

## LIBRARY

Lib Name: Organism: NIH MGC 43 Homo sapiens

Organ:

eye

Tissue type:

normal pigmented retinal epithelium

Lab host:

DH10B (phage-resistant)

Vector: R. Site 1: R. Site 2: pOTB7 XhoI EcoRI

Description:

cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH\_MGC Library.

SUBMITTER

Name: E-mail: Robert Strausberg, Ph.D. cgapbs-r@mail.nih.gov

CITATIONS

Title:

National Institutes of Health, Mammalian Gene Collection

(MGC)

Authors:

NIH-MGC <a href="http://mgc.nci.nih.gov">http://mgc.nci.nih.gov</a>/

Year:

1999

Status:

Unpublished

MAP DATA

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 $(4.75) \pm 9.75 \pm 9.55 \pm 9.55$